

PRODUCTION OF PEPTIDES IN PLANTS AS VIRAL COAT PROTEIN FUSIONS

ABSTRACT

The present invention relates to foreign peptide sequences fused to recombinant plant viral structural proteins 5 and a method of their production. Fusion proteins are economically synthesized in plants at high levels by biologically contained tobamoviruses. The fusion proteins of the invention have many uses. Such uses include use as antigens for inducing the production of antibodies having 10 desired binding properties, e.g., protective antibodies, or for use as vaccine antigens for the induction of protective immunity, including immunity against parasitic infections.

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